

GENBACHEV, V.S.; KRASYUKOV A.I.

Council of public inspectors in freight yards. Zhel. dor. transp.  
47 no.9:41-42 S '65. (MIRA 18:9)

1. Nachal'nik stantsii Moskva III-Mit'kovo Moskovskoy dorogi (for  
Genbachev). 2. Revisor dvizheniya Moskovskogo-Ryazanskogo otdeleniya  
(for Krasyukov).

CENBOM A. B.

Geology and exploration of disseminated pyrite ores in the Central Urals. A. B. Gaidom. Razvedka i Otkrytiya Node 22, No. 2, 7-18 (1958). A discussion, chiefly of geol. characteristics, is given. There are also some variation curves for Cu, some curves for Cu and Fe contents, and data on Cu contents of cores and mine workings. G. S. M.

GENJOH, A. B.

Reliability of prospecting for pyrites in Kirovgrad District of the  
Central Urals. Razved. i otkr. podr 23 no. 32-42 Ny '57. (MLRA 10:8)

1. Kirovgradskoye rudoupravleniye.  
(Kirovgrad District--pyrites)

GENBOM, A.B.

Reliability in prospect drilling for pyrite ores intersected  
by dikes. Razved. i okh. nedr 29 no.6:15-18 Je '63.  
(MIRA 18:11)

1. Kirovogradskiy medeplavil'nyy kombinat.

I 01088-67 DJ  
AP6026312

(A)

SOURCE CODE: UN/0113/66/000/005/0029/0031

AUTHOR: Genbom, B. B. (Candidate of technical sciences); Kobylyanskiy, V. N.; Kizma, A. M.; Gudz, G. S.; Ryabov, A. V.; Gomma, E. F.; Starinskiy, A. D.; Atoyan, K. M.  
(Candidate of technical sciences)

ORG: L'vov Polytechnical Institute (L'vovskiy politekhnicheskii institut); L'vov Bus Plant (L'vovskiy avtobusnyy zavod)

TITLE: Experimental investigation of the power capacity of brake mechanisms

SOURCE: Avtomobil'naya promyshlennost', no. 5, 1966, 29-31

TOPIC TAGS: vehicle braking system, test stand, vehicle component

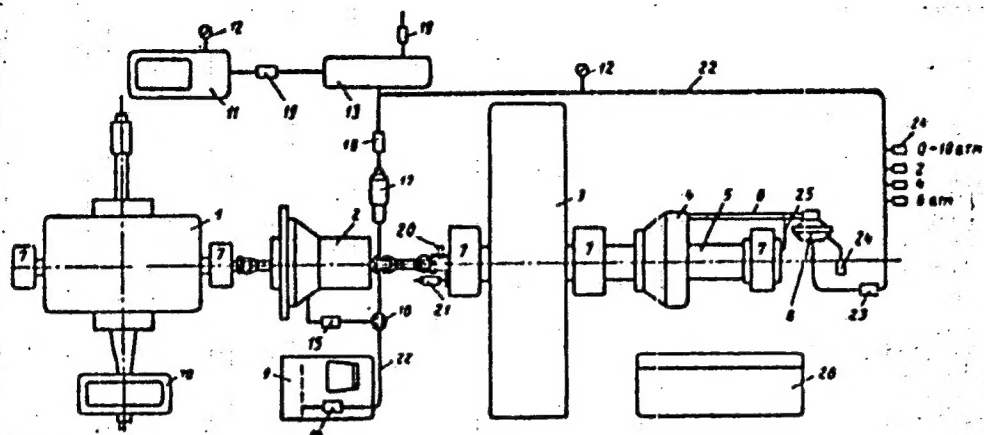
ABSTRACT: The authors describe a combination stand developed at the L'vov Polytechnical Institute to be used for both inertial and constant braking tests. A diagram of the installation is shown in the accompanying figure. The principal elements of the stand are: 100 kw electric motor 1; clutch and gearbox 2 mounted on the clutch bracket; flywheel 3 with a moment of inertia of 16 kg-sec<sup>2</sup>; brake mechanism 4 with the drum mounted on the flywheel shaft while the disc and shoes are mounted on the clutch shaft 5 which is coaxial with the flywheel shaft. The stand is equipped for measuring the braking moment and the moment on the release shaft, the temperatures of the brake linings and drum, the rotational velocity of the drum, the pressure in the brake chamber and rod travel. Provision is made for programmed control of brake operation. The device may be used for studying the effect of a variety of factors on the power capacity of braking mechanisms. Orig. art. has: 4 figures, 3 tables.

Card 1/2

UDC; 629.11.013.001.5

L 01088-67

ACC NR: AP6026312



1--balance-type electric motor; 2--gearbox with clutch; 3--flywheel; 4--brake mechanism; 5--brake shaft; 6--release shaft; 7--support bearings; 8--brake chamber; 9--panel for controlling clutch and gear ratio; 10--VKM-57 weighing device; 11--main receiver; 12--manometer; 13--working receiver; 14--hydraulic cylinder; 15--clutch disconnection cylinder; 16--valve; 17--pneumohydraulic cylinder; 18--OA-13M electric valve; 19--EKR-8 electro-pneumatic valve; 20--contact breaker; 21--DT-6M tachogenerator; 22--pipeline; 23--EK-69 electropneumatic valve; 24--pressure gauge; 25--rod travel gauge; 26--control panel.

SUB CODE: 13/ SUBM DATE: None/ ORIG REF: 002

Card 2/2 vlr

USSR/Corrosion - Protection From Corrosion.

J.

Abs Jour : Ref Zhur - Khimiya, No 2, 1957, 6869

Author : Genbom, B.B.

Inst :

Title : Corrosion of Cylinders of Automotive Engines

Orig Pub : Avtomob. i trakt. prom-st', 1956, No 5, 18-23

Abstract : The investigation which was carried out as well as literature data supports the conclusion that the upper portions of the inner surfaces of cylinders of modern engines, even on normal operation and at the recommended temperature of cooling water, include areas the temperature of which is below or approximates the critical; hence, cylinder corrosion is essentially of electrochemical nature. One of the principal causes of an uneven wear of the cylinders is the uneven temperature distribution over their inner surface. The rate of wear of any given area increases with lowering of its temperature

Card 1/2

USSR/Corrosion - Protection From Corrosion.

J.

Abs Jour : Ref Zhur - Khimiya, No 2, 1957, 6869

during operation, in relation to the critical level. Decrease in the temperature of the cooling water results in a strong increase in the rate of wear and its uneven distribution; the zone of greatest wear of upper part of the cylinder thus coincides with that of lowest temperature range. In vortical chamber engines with ignition by compression, the parameters of which approximate those of the 1 ch. 10.5/13 engine (ZIS-D7, KD-35), optimal temperature of upper part of the cylinder is 160-175°; to prevent the occurrence of zones of lower temperature the cooling water must have a temperature within the range of 115-125°. One of the means of reducing cylinder wear is prevention of overcooling during partial operation. Wear test procedures must provide for a determination of the temperature of the cylinder wall at several points that are characteristic in the given engine.

Card 2/2

L'vovskiy Politehnicheskij inst

GENBOM, B.B., kand. tekhn. nauk

Analytical determination of the starting time and distance of  
a motor vehicle. Avt. prom. 30 no.12:9-12 D '64.

(MIRA 18:2)

1. L'vovskiy politekhnicheskii institut.

GENBOM, B.B., kand. tekhn. nauk

Determining the speeding-up time of a motor vehicle and  
the maximum power of the engine. Izv. vys. ucheb. zav.;  
mashinostr. no.5:131-137 '65. (MIRA 18:11)

1. L'vovskiy politekhnicheskoy institut.

ATOYAN, K.M., kand.tekhn.nauk; GENBOM, B.B., kand.tekhn.nauk; DROBOT, Yu.I.,  
kand.tekhn.nauk; BRAZ, A.S.; NAGORNYAK, G.A.

Design and efficiency of the engine brake of the LAZ motorbuses  
with carburetor V-engines. Avt.prom. 31 no.4:8-11 Ap '65.

(MIRA 18:5)

1. L'vovskiy politekhnicheskij institut i L'vovskiy avtobusnyy  
zavod.

GONBOM, B.B., kand. tekhn. nauk; YEROKHOV, Yu.D.; DEM'YANYUK, V.A.

Determining the time and path for motor-vehicle passing. Avt. prom.  
31 no. 7:11-13 J1 '65. (MIRA 18:8)

1. L'vovskiy politekhnicheskij institut.

GENBOM, B.B., kand.tekhn.nauk

Determining the maximum power of a motor-vehicle engine. Avt.prom.  
31 no.10:15-17 0 '65. (MIRA 18:10)

1. I.'vovskiy politekhnicheskoy institut.

ATOYAN, K.P., kand. tekhn. nauk; GENDON, B.B., kand. tekhn. nauk;  
KROBOT, Yu.I., kand. tekhn. nauk; TOPOL'NIK, V.B.; KROCHAYEV,  
G.A.; MIKITIN, N.N.; RYBOK, A.V.

Power consumption for driving auxiliary units and its effect on  
the traction and speed characteristics of the LAZ motorbuses.  
Avt. prom. 31 no.3:30-32 Br '65. (MIRA 18:7)

1. L'vovskiy politekhnicheskiy institut i L'vovskiy avtomobilyy  
zavod.

... GEN'BOM, R.G.; KORNEYEVA, N.P.

Group specificity of human hair. Sud.-med.ekspert. 2 no.1:11-14  
Ja-Mr '59. (MIRA 13:4)

1. Kafedra sudebnoy meditsiny (saveduyushchiy - prof. K.I. Tatiyev)  
TSentral'nogo instituta usovershenstvovaniya vrachey, Moskva.  
(HAIR—ANALYSIS)

*GENBOV, B.B.*

USSR/Chemical Technology - Chemical Products and Their Application. Treatment of Natural Gases and Petroleum. Motor and Jet Fuels. Lubricants. I-8

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2584

Author : Genbov, B.B., Drobot, Yu.I.

Inst : Lvov Polytechnic Institute

Title : Effect of Sulfur Content of Diesel Fuel on Wear of the Engine Cylinder.

Orig Pub : Dokl. L'vovsk. politekhn. in-ta, 1957, 2, No 1, 215-222

Abstract : It is shown that on increase of the sulfur content of diesel fuel (from 0.127 to 0.995%) the wear of different areas of the internal surfaces of the cylinders increases to an extent that is the more pronounced the lower the operation temperature conditions (TC) of these areas in relation to the critical. On an increase of the TC of

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USSR/Chemical Technology - Chemical Products and Their

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Motor and Jet Fuels. Lubricants.

I-8

CIA-RDP86-00513R000514710017-5

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2584

the cylinder its wear is decreased, on operation on a low-sulfur fuel as well as on a fuel with a high sulfur content. In the case of a 1ch10,5/13 engine the optimal temperature of top portion of internal cylinder surface is in the range of 150-1800. Since under optimal TC of the cylinders their wear during operation on low-sulfur and high-sulfur fuel does not differ much, the principal cause of increased wear on an increase of the sulfur content in the fuel, must be regarded as being an intensification of electrochemical corrosion.

Card 2/2

GENCEL, W.

GENCEL, W. Changes in the managerial organization of forests. p. 26.

Vol. 29, no. 9, Sept. 1955

LAS POLSKI

AGRICULTURE

Poland

So: East European Accession, Vol. 6, No. 5, May 1957

GENCHAR, V.V., insh.

Determining conjugate dimensions of rail finishing grooves.

Stal' 18 no.8:727 Ag '58.

(MIRA 11:8)

1.Zavod "Asovstal'."

(Rolling mills) (Railroads--Rails)

GENCHEV, C.

Mechanical removal of slag from gas generator shafts. p. 24.  
Rotating cones for unwinding cable drums. p. 25.  
Ruler for testing the thickness of rail ends. p. 26.  
Faceplate for rapid centering of eccentric machine parts. p. 27.

RATSIONALIZATSIIA. Vol. 6, no. 5, May 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of  
Congress, Vol. 6, No. 1, January 1957

GENCHEV, D.; BALEVSKI, K.; GEORGIEV, K.:

Hydrometallurgy of copper and possibility of its use in  
our country. p. 57.

Vol. 10, No. 4,  
July/August, 1955.  
MINMO DELO.  
Sofiya, Bulgaria.

SOURCE: East European Accessions List, (EEAL) library  
of Congress, Vol. 5, No. 1, January, 1956.

GENCHEV, Dinko

Thematic plan, important prerequisite for fast and qualitative solution of the basic problems in production. Ratsionalizatsiia 11 no.10:14-16 '61.

1. Glaven inzhiner na Mlekarskiiia Kombinat, "G.Damianov", Pirdop.

GENCHEV, D., inzh.; ALKSIY, Iu., inzh.

Results of the application of the collective labor norm  
to the copper-producing Combine G.Damianov of Pirdop.  
Trud tseni 3 no.10:53-57 '61.

ALEKSEEV, IU.; GENCHEV, D., insh.

Labor wages based on the piecework-bonus system at the Georgi  
Damianov State Copper Combine, Pirdop. Trud tseni 5 no.2:  
59-66 '63.

HADJIOLOV, A.A.; GENCHEV, D.; VENKOV, L.

Studies on the localization of oxidative phosphorylation in cytoplasmic structures of rat liver. Dokl. Bolg. akad. nauk 18 no.4:373-376 '65.

1. Submitted on December 14, 1964.

L 15604-66  
ACC NR: AP6008218

SOURCE CODE: BU/0011/65/018/004/0373/0376

AUTHOR: Hadjiolov, A. A.; Genchev, D.; Venkov, L.

B 15

ORG: Central Laboratory of Regeneration, Biochemical Research Laboratory,  
Bulgarian Academy of Sciences

TITLE: Studies on the localization of oxidative phosphorylation in cytoplasmic  
structures of rat liver

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 4, 1965, 373-376

TOPIC TAGS: rat, liver, biochemistry, cytology, phosphorylation, heterocyclic  
base compound, organic phosphorus compound, cell physiology

ABSTRACT: It has been recently established by a number of authors  
(see, e.g., D. E. Green, Comp. Biochem. Physiol., 4, 1962, 81; A. L.  
Lehninger et al., Ann. Rev. Biochem., 31, 1962, 47) that oxidative  
phosphorylation can be brought about by preparations of mitochondrial  
fragments. These investigations refuted the classical notions (O. Lindberg et al.,  
Chemistry a. Physiology of Mitochondria a. Microsomes, Protoplasmatologia,  
IIIA, Springer, Wien, 1954, p. 136) that the process is necessarily associated

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L 15604-66  
ACC NR: AP6008218

with the intact structure of the mitochondria. The possibility of oxidative phosphorylation being brought about by lipoprotein structures of a structure simpler than that of the mitochondria raises the question of whether some of the other cellular membrane structures are not in a position to catalyze the synthesis of ATP coupled with oxidation (ATP - adenosine-5'-triphosphate). Harman and Feigelson (Exptl Cell. Res., 3, 1952, 509) found that isolated microsomes of muscular tissue are not in a position to bring about oxidative phosphorylation upon the addition of substrates of the cycle of tricarboxylic acids. These results, however, do not give a final answer to the question raised since the respective dehydrogenases are localized in the mitochondria. Consequently, the present experiments aimed at investigating the possibilities of phosphorylation of ADP to ATP in the cytoplasmic structures by using a more suitable substrate NAD.H<sub>2</sub> (ADP - adenosine-5'-diphosphate; NAD.H<sub>2</sub> -  $\beta$ -nicotinamide-adenine dinucleotide in reduced form). The separate cytoplasmic fractions were isolated from the liver of albino rats. The results obtained indicate that oxidative phosphorylation is connected with the lipoprotein membranes in the internal zone of the mitochondria, the access of ADP to this zone being a limiting factor in the rate of the process. Homogenization, even when done with utmost care, destroys a part of the mitochondria and the

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L 15604-66  
ACC NR: AP6008218

mitochondrial fragments obtained constitute impurities in the microsomal fraction, and this fact determines its apparent phosphorylative activity. It should be pointed out that the absolute exclusion of the ergastoplasmic lipoprotein membranes as the site of oxidative phosphorylation calls for experiments with externally added electron acceptors. The article contains detailed descriptions of the experiment. The paper was submitted by Academician A. I. Hadjiolov, 14 December 1964. Orig. art. has: 2 figures and 1 table. JPRS

SUB CODE: 06 / SUBM DATE: none / OTH REF: 013 / SOV REF: 001

SB

Card 3/3

L 20362-66 EFF(n)-2/EWP(t) IJP(c) JD/JG LHB  
 ACC NR: AP6012040 SOURCE CODE: BU/0011/65/018/003/0207/0210  
 AUTHOR: Nadjakov, E.; Genchev, D.  
 ORG: Institute of Physics, BAN  
 TITLE: L sub beta 1 line of Mo and Nb and the L sub alpha 1,2 line of zn in compounds  
 SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 3, 1965, 207-210  
 TOPIC TAGS: molybdenum, niobium, zinc, x ray spectrum, chemical bonding, emission spectrum, absorption spectrum  
 ABSTRACT: X-ray spectra reflect changes in the physical and chemical state of a substance all the more strongly, the more outwardly the electronic level they include. The L and M X-ray spectra of the elements are, therefore, of particular interest for the explanation of the character of the chemical bond. A number of papers (see, e.g., P. Callon, C. R. Acad. Sci., 248, 1959, 2085; M. A. Blokhin, V. F. Demekhin, I. G. Shvoytsar, Izv. AN SSSR, Ser. fiz., 28, 1964, 834) have been devoted to the L emission and absorption spectra of elements with an unfilled 4d shell, in particular Mo and Nb. The present work contains experimental data on the displacement of L<sub>01</sub> of Mo in chemical compounds MoO<sub>3</sub>, Na<sub>2</sub>MoO<sub>4</sub>, H<sub>2</sub>MoO<sub>4</sub>, and MoS<sub>2</sub>, of L<sub>01</sub> of Nb in Nb<sub>2</sub>O<sub>5</sub>, and of L<sub>01,2</sub> of Zn in ZnO and ZnS (sphalerite). This paper was presented by Academician G. Nadjakov on 19 November 1964. The author thanks M. Ivan Yordanov for his valuable assistance in measurements and in elaborating the experimental material. Orig. art. has: 3 tables. [JPRS]  
 SUB CODE: 07, 20 / SUBM DATE: none / OTH REF: 005 / SOV REF: 012  
 Card 1/1 vmb

GENICHEV, E.

"Graphic method for locating the pulling forces in lifting the structural-steel fabricated towers for high-power lines.

p. 15 (Elektroenergiia, Vol. 8, no. 10, Oct. 1957, Sofia, Bulgaria.)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 6, June 1958

GENCHEV, E.

TECHNOLOGY

Periodicals ELEKTROENERGIJA. Vol. 10, no. 1, Jan. 1959.

GENCHEV, E. Construction of heavy electric-transmission lines  
in the German Democratic Republic. p. 9

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,  
May 1958, Unclass.

GENCHEV, G.

Variability of organisms. Pt. 2. Izv Inst bot BAN 7:173-199 '60.

GENCHEV, G.

Bulgaria

Academic Degree not given

Children Clinic at the Higher Medical Institute in  
Plovdiv (Detska klinika pri VMI, Plovdiv); director:  
Prof. Iv. ANDREEV.

Sofia, Pediatrica, supplement of Suvremenna Meditsina,  
No 3, 1962, pp 64-65.

"A Case of Osteochondrosis Deformans Tibiae"

Co-author:

MIKHOV, Khr. -- the same affiliation as above.

GENCHEV, G.

Optimum moisture in maximum packing of the soil in constructing earth  
embankments. (To be contd.) p. 14

STROITELSTVO. Vol. 1, No. 4/5, 1954

Sofia, Bulgaria

So. East European Accessions List Vol. 5, No. 9 September, 1956

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... .. ( ... ) ...

... .. vol. 1, no. 6, 1951

... ..

30. ... .. vol. 1, no. 1, 1950

GENCHEV, G.

Soil cement, condensing soils with cement for construction.

p.13 (STROITELSTVO) Vol. 4, no. 6, 1957,  
Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 3,  
March 1958

BULGARIA/Cultivated Plants. Grains.

M

Abs Jour: Ref Zhur-Biol., No 5, 1958, 20272.

Author : ~~Gencho Genchev~~

Inst : Not given.

Title : Intercross Hybrids, a New Stage in the Production of  
Corn Hybrid Stocks. (Mezhlineynyye gibridy--novyy etap  
v proizvodstve gibridnykh semyan kukuruzy).

Orig Pub: Selskostop. mis'l, 1956, 1, No 10, 587-592.

Abstract: A survey of workson the utilization of intercross  
hybrids in various nations. The tasks of the Bulgarian  
Academy of Sciences in the development of large-scale  
work in this field.

Card : 1/1

GENCHEV, Gencho, prof.

Scientific disputes in biology, and their reflection on farming.  
Selskostop nauka 1 no.4/5:521-524 '62.

1. Vissh selskostopanski institut "G. Dimitrov" v Sofia.

GENCHEV, Martin

Main factors of increasing the labor productivity in railroad engineering. Transp delo 6 no.8:25-33 '54.

1. Zam. nachalnik na Upravlenie stroitelstvo po transporta.

DIMOV, G.; QENICHEV, Ml.

Determination of the minimum effective atomic radii. Minimum effective atomic radii of the elements of the first three main groups of the periodic system. Zhur. struk. khim. 1 no.2:233-237 JI-Ag '60. (MIRA 13:9)

1. Vysshiiy meditsinskiy institut, kafedra khimii i fiziki, Sofiya.

(Atoms)

GENCHEV, K.

Genchev, K. Technical construction and financial planning, the basis for systematic, planned construction. p. 31. TRANSPORTNO DELO. Sofia. Vol. 7, no. 6, 1955.

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 4, No. 11, Nov. 1955, Uncl.

GENCHEV, V.

Methods for reducing the manufacturing cost of construction in transportation.

P. 56

TRANSPORTNA BORO. Vol. 3, No. 1, 1956

Sofia, Bulgaria

So. East European Accessions List      Vol. 5, No. 9      September, 1956

GENCHEV, M., inzh.

Strength of ferroconcrete constructions. Tekhnika Bulg 3  
no.3:13-17 Mr '54.

DAMIANOV, Koliu, inzh.; GENCHEV, Mitko, d-r.

Studies of floor coverings in the E.Telman State Industrial  
Enterprise. Tekstilna prom 12 no.5:25-27 '63.

GENCHEV, Ml.

6 3

7. The solubility of silver chromate in the presence of different electrolytes. Ml. Genchev, *Annuaire Acad. Med. Vasilko Tchervenec* (1950-51) (English summary).  
 The soly. of  $\text{Ag}_2\text{CrO}_4$  in  $\text{H}_2\text{O}$  is 0.0357 g./l. at 25°. This increases with increasing concns. of added metal salts. The effect of the electrolytes depends on both the anions and the cations produced in soln.; the order of effectiveness for the anions is: nitrate < acetate < sulfate, and for the cations:  $\text{Li} < \text{Na} < \text{K} < \text{Mg} < \text{Ca} = \text{Sr} < \text{NH}_4 < \text{Al}$ . At great concns. Na ion is more effective than K ion.  $\text{NH}_4$  ion probably forms a complex,  $(\text{NH}_4)_2[\text{Ag}_2(\text{CrO}_4)_2]$ . The effectiveness of bivalent cations increases with their at. wt. The detns. were made in the dark and at a pH of 5.5-6; when  $\text{NH}_4\text{OAc}$  and  $\text{Al}(\text{NO}_3)_3$  were used, the pH was 5.3 and 5.4, resp., because of hydrolysis. G. M.

11-5-54

GENCHEV, Ml.

Chemical Abst.  
Vol. 48 No. 8  
Apr. 25, 1954  
Analytical Chemistry

*M Chem*  
The principle of sediment volumetric analysis. Determination of chloride ions. Ml. Genchev. *Annuaire Acad. Med. "Vulko Tchernev"* 31, 15-24 (1950-51) (Bulg. summary).—The precision of the gravimetric (I), Mohr (II), and Vollard (III) methods of detg.  $\text{Cl}^-$  in the presence of various electrolytes was studied; I gave low results but II gave high results which varied with the concn. and nature of the electrolytes, III gave low but const. results. The effect of electrolyte upon the analytical results was in the order:  $(\text{NH}_4)_2\text{SO}_4 > \text{K}_2\text{SO}_4 > \text{NH}_4\text{NO}_3 > \text{MgSO}_4 > \text{Ca}(\text{NO}_3)_2 > \text{KNO}_3$  for method I and  $(\text{NH}_4)_2\text{SO}_4 > \text{NH}_4\text{NO}_3 > \text{MgSO}_4 > \text{K}_2\text{SO}_4 > \text{Ca}(\text{NO}_3)_2 > \text{KNO}_3$  for method II. At high concns. of electrolytes, I and II gave the same results. The opposite effects of electrolytes upon I and II is explained by the difference of their effects upon the soly. of  $\text{AgCl}$  and  $\text{Ag}_2\text{CrO}_4$ , resp.; the influence upon the latter is the greater.  
O. Meguerian

9-2-54  
JJP

GENCHEV, MLADEN

Complex compounds containing granular material

into a member of the Glimmatide order, probably possessing the same metal as a terminal complex group ( $[\text{ArNiH}_2\text{Cr}(\text{CO})_4]$ ). The probable mechanism of the transformation is given. The compounds with *p*-toluidine and *p*-anisidine are prepared in a similar manner. The structure of the latter is believed to be  $[\text{ArNiH}(\text{Ar}(\text{CO})_4\text{Cr})_2\text{CO}(\text{ArNiH})_2]$ , where  $\text{Ar}(\text{H})$  is *p*-toluidine or *p*-anisidine. The compound, which (of this type of complex) is believed to be a nonterminal complex compound. A probable mechanism is given. The crystals, crushed and left in water, turn to a brownish powder, in which the aniline group slowly and continuously begins to evolve after 1-2 days from the surface of the light. If  $\text{H}_2\text{O}_2$  is added, part of the evolved gas can be seen to be aniline oxide.

Translated from *Chem. Abstr.* 56:12092 (1957) (Russian). The equiv. weight in compounds with *p*-toluidine or *p*-anisidine was 230.140, and in the aniline compound 214.140.

Mikhail C. Eisman

BRONOV, M.I.

Investigations of complex compounds with aromatic amines.

p. 95 (Izvestiia) Vol. 4, 1956. Sofia, Bulgaria.

SO: Monthly Index of East European Accessions (EEAI) IC, Vol. 7, No. 1, Jan. 1958

GENCHEV, N.<sup>1</sup>; DINOV, G.

Investigations of complex compounds with aromatic amines.

p. 213 (Izvestiia) Vol. 4, 1956. Sofia, Bulgaria.

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 1, Jan. 1958

LENCHOV, K.; ATANASOV, B.

Oxidation of aromatic amines. I. New color reactions of aromatic amines realized with manganous hydroxide oxidizer.

p 233 (Izvestiia) Vol. 4, 1956. Sofia, Bulgaria.

30: Monthly Index of East European Accessions (EEAI) IC, Vol. 7, No. 1, Jan. 1958

GENCHEV, M.

Research on complex compounds with aromatic amines. II. Cadmium binuclear complex compounds of the chromate order. In English. p. 37.  
(DOKLADY, Vol. 9, no. 3, July/Sept. 1956, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

Genchev, M. J.

✓ Complex compounds with aromatic amines. VII. Complex nickel compounds of the chromate and dichromate series. M. Genchev and V. Panchatov (Med. Acad., Sofia). *Compt. rend. acad. bulgare sci.* 6, No. 4, 1963, 1774 (English); cf. C.A. 51, 17741d. The compds. see e.g. p. 1, as in the previous articles. In dichromate compds.,  $[\text{Ni}(\text{ArNH}_2)_2](\text{Cr}_2\text{O}_7)_2$ , Ni shows its usual coordination number of 4. In chromate compds.,  $[\text{Ni}(\text{ArNH}_2)_2](\text{CrO}_4)_2$ , Ni has a coordination no. of 2. All compds. obtained were macroscopically brown, but under a microscope they were yellowish. The compds. all were found to have an insignificant sol., the aniline compds. being somewhat more sol. VIII. Complex copper compounds of the chromate and dichromate series. *Ibid.* 33-6. The conditions used here had to be more rigidly controlled than for the previous compds. No definite compds. were obtained with *o*-toluidine, *o*-aminiline, or 1-naphthylamine. Previously the compds. obtained from  $\text{K}_2\text{Cr}_2\text{O}_7$  were of the dichromate series and those from  $\text{K}_2\text{CrO}_4$  were of the chromate series. With all the aromatic amines except 2-naphthylamine, compds. of the chromate series were obtained regardless of which K salt was used. With 2-naphthylamine and  $\text{K}_2\text{Cr}_2\text{O}_7$ , two compds. were obtained. One was a red dichromate in which Cu had a coordination no. of 4 and the other was a crude olive green one which probably is a chromate. Only the aniline compd. was sufficiently sol. to permit cond. measurement.

Maria C. Neumann

PM

GENCHEV, MLADEN

BULGARIA/Inorganic Chemistry - Complex Compounds.

C.

Abs Jour : Ref Zhur - Khimiya, No 10, 1958, 31981

Author : Mladen Genchev, Lyan Pozharliev.

Inst : Academy of Sciences of Bulgaria.

Title : Studies on Complex Compounds with Aromatic Amines. VII. Complex Nickel Compounds of the Chromate and Bichromate Order. VIII. Complex Copper Compounds of the Chromate and Bichromate Order.

Orig Pub :

Abstract : VII. Solid brown complex compounds were produced by reactions of  $\text{Ni}(\text{NO}_3)_2$  aqueous solution with solutions of aromatic amines in alcohol in the presence of 1%-ual  $\text{K}_2\text{Cr}_2\text{O}_7$  or  $\text{K}_2\text{CrO}_4$  solution. The Ni coordination number is 4 in the compounds of the  $[\text{Ni}(\text{ArNH}_2)_4]\text{Cr}_2\text{O}_7$  chromate

Card 1/

BULGARIA/Inorganic Chemistry - Complex Compounds.

C.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R000514710017-5"

Abs Jour : Ref Zhur - Khimiya, No 10, 1958, 31981

series, and in the  $[\text{Ni}(\text{ArNH}_2)_2]\text{CrO}_2$ , Ni is coordinatio-

nally bivalent. The following complexes were synthesized: with aniline -  $[\text{Ni}(\text{C}_6\text{H}_5\text{NH}_2)_2]\text{CrO}_4$ , (I) with n-to-

luidine -  $[\text{Ni}(\text{n-CH}_3\text{C}_6\text{H}_4\text{NH}_2)_4]\text{Cr}_2\text{O}_7$  and

$[\text{Ni}(\text{n-CH}_3\text{C}_6\text{H}_4\text{NH}_2)_2]\text{CrO}_4$ , and with n-anisidine -

-  $[\text{Ni}(\text{n-CH}_3\text{OC}_6\text{H}_4\text{NH}_2)_4]\text{Cr}_2\text{O}_7$  and  $[\text{Ni}(\text{n-CH}_3\text{OC}_6\text{H}_4\text{NH}_2)_2]\text{CrO}_4$ .

The electric conductivity of  $[\text{Ni}(\text{C}_6\text{H}_5\text{NH}_2)_4]\text{Cr}_2\text{O}_7$

in the 0.0001 M solution is 142 rho, and that of

I in the 0.001 M solution is 106 rho, which indicates the dissociation into two doubly charged ions.

Card 2/4

BULGARIA/Inorganic Chemistry - Complex Compounds.

C.

Abs Jour : Ref Zhur - Khimiya, No 10, 1958, 31981

VIII. Complex compounds only of the chromate series with coordinationally bivalent Cu are produced at the interaction of alcohol or alcohol-acetone solutions of aniline, n- and m-toluidines, n-anisidine and benzidine with aqueous solution of  $\text{CuSO}_4$  in the presence of  $\text{K}_2\text{Cr}_2\text{O}_7$  with  $\text{K}_2\text{CrO}_4$ . The following was synthesized:

$[\text{Cu}(\text{C}_6\text{H}_5\text{NH}_2)_2]\text{CrO}_4$  - acicular olive-brown crystals,

equ. electric conductivity of the 0.0002 M solution is 69 mho;  $[\text{Cu}(\text{n-CH}_3\text{H}_4\text{NH}_2)_2]\text{CrO}_4$  - light-brown acicular

crystals;  $[\text{Cu}(\text{n-CH}_3\text{C}_6\text{H}_4\text{NH}_2)_2]\text{CrO}_4$  - druses of olive-

green crystals;  $[\text{Cu}(\text{n-CH}_3\text{OC}_6\text{H}_4\text{NH}_2)_2]\text{CrO}_4$  - olive-green

crystals:  $[\text{Cu}(\text{H}_2\text{NC}_6\text{H}_4\text{C}_6\text{H}_4\text{NH}_2)_2]\text{CrO}_4$  - red druses.

Card 3/4

6

BULGARIA / Physical Chemistry. Molecule. Chemical Bond. B-4

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 76284.

Author : ~~Ganchev, M.~~ and Dimov, G.

Inst : Bulgarian Academy of Sciences.

Title : Spectrographic Determination of Molecular Weights.  
I. Determination of Molecular Weights of Inorganic and Complex Chromates by Means of Their UV Absorption Spectrum.

Orig Pub: Doklady Bulgar Akad Nauk, 10, No 4, 297-300  
(1957) (in English with a Russian summary).

Abstract: The relation  $M_x = (D_0 \epsilon_x / D_x) (M_0 / C_0) (1)$ , where  $D_0$ ,  $D_x$ ,  $C_0$ ,  $C_x$ ,  $M_0$ , and  $M_x$  are the optical density, concentration, and molecular weight of the standard and of the unknown solutions, respectively, is proposed for the determination of unknown molecular weights. The relation (I) can

Card 1/2

GENCHEV, M.

TECHNOLOGY

Periodicals: STROITELSTVO. Vol. 5, No. 9, 1958.

GENCHEV, M. Calculating reinforced-concrete constructions by slide rule. p. 14.

Monthly List of East European Accessions (EEAI) LC Vol. 8, No. 4, April 1959.  
Unclasp.

GENCHEV, M.

"Influence of the complex connection on the reactive capacity of organic combinations. I. On oxidation of dibenzylamine with potassium dichromate in presence of cadmium caption."

IZVESTIIA, Sofia, Bulgaria, Vol. 6, 1958.

Monthly List of East European Accessions Index (EEAI), The Library of Congress, Volume 8, No. 8, August 1959.

Unclassified

BULGARIA/Optical- Optical Methods of Analysis.

K

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4698

Author : Genchev, Ml., Dinov, F.

Inst :                     

Title : Determination of the Molecular Weight of Inorganic and  
Complex Chromates by Means of the Ultraviolet Absorption  
Spectra

Orig Pub : Izv. Khim. in-t. B"lg. AN, 1958, 6, 45-54

Abstract : A method is proposed for determining the molecular weights  
of a series of inorganic and complex chromates, based on  
the use of the Bouguer law. The molecular weight of the  
investigated substance is determined from the formula

$$M_2 = \frac{D_1}{D_2} \cdot C_2 \cdot \frac{M_1}{C_1},$$

Where  $D_1$  and  $D_2$ ,  $C_1$  and  $C_2$ ,  $M_1$  and  $M_2$  -- optical densi-  
ties, concentrations, and molecular weight of the

Card 1/2

- 116 -

GENCHEV, M.; DIMITOV, G.

"Determination of molecular weights of inorganic and complex chromates with the Pulfrich photometer. In English,"

DOKLADY, Sofia, Bulgaria, Vol. 11, no. 2, Mar./Apr. 1958.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59  
Unclas

GENCHEV, M.; DIMOV, G.

"Influence of complex-chemical combination on the reactive capacity of organic compounds. I. Concerning the oxidation of dibenzylamine with potassium dichromate in the presence of cadmium cation. In German."

DOKLADY, Sofia, Bulgaria, Vol. 11, no. 2, Mar./Apr. 1958.

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59  
Unclas

GENCHEV, M.

4 / Determination of the molecular weight of inorganic and complex chromates by their ultraviolet absorption spectra. M. Genchev and G. Dimov. *Bulg. Acad. Sci. Ser. Chim. Sci.* 6, 45-51 (1958).--Results are appraised. The method is based on the Law of Bouguer-Lambert-Beer and the formula  $M_1 = (D_2 C_1 / D_1 C_2) (M_2 / C_1)$  is used.  $D_1$  and  $D_2$  are the optic ds.,  $C_1$  and  $C_2$  the concns., and  $M_1$  and  $M_2$  the mol. wts. of the substances 1 and 2. Substance 1 is used as standard. The conditions necessary for more accurate results are examd. and the necessity of d-tg. the same molar light-absorption coeff. is stressed. The accuracy of the method depends also on the concn. of the substances to be detd.; the nearer they come to the equimol. concn., the smaller is the relative error. S. Paldanov

2.2 (dec)

7  
 ✓ Complex compounds with aromatic amines. IX. Manganous complex compounds of aromatic amines of the dichromate order. M. Genchev and I. Pozharliev. *Compt. rend. acad. bulgare sci.* 17, No. 3, 219-221 (1959) (in English); cf. CA 52, 3586i. — Aniline (I), *p*-toluidine (II), *p*-anisidine (III), and benzidine (IV) form complex chromates and dichromates which can be crystal. The complexes contg. I, II, and III formed dichromates having a coordination no. of 4. That contg. IV formed a chromate having a coordination no. of 2. Several others were tried. Thus, 2 g. I in 10 ml. 96% EtOH was added to 2 g.  $Mn(NO_3)_2$  in 10 ml.  $H_2O$ , then 30 ml. 1%  $K_2Cr_2O_7$  was added, after 10 min. the complex began to ppt., and if another 30 ml.  $K_2Cr_2O_7$  soln. was added to the filtrate after filtration, a second fraction was obtained, the ppt. was washed with  $H_2O$ , EtOH, and  $Me_2CO$ , and dried, and analysis gave the formula  $Mn(Ph-NH_2)_2Cr_2O_7$ . In the same manner were obtained  $Mn(p-CH_3C_6H_4NH_2)_2Cr_2O_7$ ,  $Mn(p-CH_3OC_6H_4NH_2)_2Cr_2O_7$ , and  $Mn(H_2NC_6H_4C_6H_4NH_2)_2Cr_2O_7$ . Margaret R. Rogers

3  
 2-TAT (NR) (MAY)

GENCHEV, Ml.

Color reaction with some war poisons from the group of halogen ketones.  
Nauch. tr. vissh. med. inst. Sofia 40 no.5:31-36 '61.

1. Predstavena ot prof. Al. Spasov, rukovoditel na katedrata po  
meditsinska khimii.

(HALOGENS chem) (KETONES chem) (CHEMICAL WARFARE)



GENCHEV, P.

Reinforcement of Bluiukdere Ravine for the reservior in Kurdshali.  
P. 4 GORSIO STOPANSTVO Sofiya, Bulgaria Vol. 12, no. 1, Jan. 1956

SOURCE: EEAL IC Vol. 5, no. 7, July 1956

GENCHEV, P.

"Exhibition of the district radio club in Pleven." p. 12.

"New achievements of amateur radio builders of the Voluntary Civil Defense Organization in Stalin." p.13. Vol. 3, No. 5/6, 1954, . Radio, Sofiya

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

. GENCHEV, P.

The young radio constructors began well. p. 12.

RADIO. Vol. 5, no. 2, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of  
Congress, Vol. 6, No. 1, January 1957

GENCHEV, P.

The song of the signaling letters. p. 8.

RADIO. Vol. 5, no. 7, 1956

Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Library of  
Congress, Vol. 6, No. 1, January 1957

GENCHEV, S.

GENCHEV, S. Sliding rule for the calibration of rollers. p. 20  
A treadle device for knitting multiple wire face type. p. 21.  
Drying rice by a vacuum drier. p. 21.  
Machine for peeling and bleaching osier twigs for basketry. p. 22.  
Obtaining medicinal glutamic acid from wheat gluten. p. 23.

Vol. 6, No. 6, June 1956.

RATSIONALIZATSIYA

TECHNOLOGY

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 2, Feb. 1957

GENCHEV, S.

GENCHEV, S. Device for machine-cutting of rollers. p. 21. Vol. 6, no. 7,  
July 1956. RATSIONALIZATSIYA. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957

GERCHEV, S.

GERCHEV, S. Multiblade knife for calibration of rollers. p. 17.

Vol. 6, No. 9, Sept. 1956.

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Sofia, Bulgaria

So: East Europe: Accessio., Vol. 6, No. 3, March 1957

1. "Marisa" Institute of Vegetable Culture, Moscow, U.S.S.R.

Speeding up the ripening of tomatoes by treating their flowers with heterauxin and certain vitamins. *Prilada Sog. 13-10, 1961-63* *Tr-Ap '64*.

1. "Marisa" Institute of Vegetable Culture, Moscow, U.S.S.R.

NASTEV, G.; GENCHEV, T.; KHADZHIEV, D.; PETROV, A.

Problem of cerebral thrombophlebitis. Suvrem. med., Sofia 9 no.1:  
50-59 1958.

1. Iz Katedrata po nervni bolesti pri ISUL Zav. katedrata: dots. G.  
Nastev i NIPI Direktor: S. M. S. G. Genev.  
(THROMBOPHLEBITIS, case reports,  
cranial sinuses (Bul))  
(VEINS, CRANIAL SINUSES, dis.  
thrombophlebitis, case report (Bul))

GENCHEV, T.: SENDOV, B.

"A note on the Gauss theorem of the distribution of the zeros of polynomials in a complex plane"

Fiziko-Matematicheskoe Spisanie. Sofia, Bulgaria. Vol. 1, no. 3/4, 1958

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclass

GENCHEV, T.

SCIENCE

Periodical: IZVESTIYA. Vol. 3, no. 1, 1958

GENCHEV, T. On the undecomposable vectors of some cones. p. 69.

Monthly List of East European Accessions (EEAI), IC. Vol. 8, no. 2.  
February 1959, Unclass.

GENCHEV, TS.

TECHNOLOGY

Periodicals: STROITELSTVO. Vol. 5, No. 12, 1978.

GENCHEV, TS. Methods for accelerating construction work. p. 1.

Monthly List of East European Accessions (EEAI) LG Vol. 3, No. 4, April 1959.  
Unclass.

GENCHEV, T.

~~SURNAME (in caps); Given Names~~

Country: Bulgaria

Academic Degrees:

Affiliation: Head of the Histopathological Laboratory in Sofia  
(Histopatologichna Laboratoriya, Sofia)

Source: Sofia, Sreden Meditsinski Rabotnik, No 2, 1961, pp 30-35

Data: "Shortcomings of the Histopathological Laboratories and  
Methods of Eliminating Them."

GENCHEV, T.

Histochemical data on changes in the level of glycogen in the central nervous system of guinea pigs after electric shock. Zhur. nevr. i psikh. 61 no.11:1675-1683 '61. (MIRA 15:2)

1. Gistopatologicheskaya laboratoriya Nauchno-issledovatel'skogo prikhonevrologicheskogo instituta (dir. G.Ganev), Sofiya.  
(SHOCK THERAPY) (GLYCOGEN) (NERVOUS SYSTEM)

GENCHEV, Todor

Theorem on the existence of the eigenvalue in the integral  
equations with symmetrical kernel. Godishnik fiz 55 no.1:205-210  
'60/'61 (publ. '62)

GENCHEV, Todor

The Cauchy problem for the general ultrahyperbolic equation.  
Izv Mat Inst BAN 8:153-188 '62.

1. Submitted November 21, 1963.

L 12652-63 EWT(d)/FCC(w)/BDS AFFTC IJP(C) 53  
ACCESSION NR: AP3003547 S/0020/63/151/002/0265/0268  
AUTHOR: Genchev, T. G. (b)  
TITLE: Ultraparabolic equations  
SOURCE: AN SSSR. Doklady, v. 151, no. 2, 1963, 265-268  
TOPIC TAGS: ultraparabolic equation, boundary-value problem,  
Cauchy problem  
ABSTRACT: The author obtains a general solution of the boundary-  
value problem and of the Cauchy problem for an ultraparabolic equation  
and shows that this solution is unique. This work was completed  
under the direction of O. A. Oleynik. The author expresses his  
sincere thanks to her. This report was presented by Academician  
I. G. Petrovskiy on 11 Feb 1963. Orig. art. has: 6 formulas.  
ASSOCIATION: Sofiyskiy gosudarstvennyy universitet, Sofiya, Bolgariya  
(Sofia State University, Bulgaria).  
SUBMITTED: 05Feb63 DATE ACQ: 30Jul63 ENCL: 00  
SUB CODE: MM NO REF SOV: 007 OTHER: 000  
Card 1/1

SENDOV, BL.; PETKOV, M.; GENCHEV, T.

New mathematical problems; nos.65-66, and 68. Fiz mat  
spisanie BAN 5 no.4:299 '62.



GENCHEV, T.

The Cauchy problem for general ultraparabolic equations. Doklady  
BAN 17 no.7:609-612 '64.

1. Predstavleno chl.-korr.L. Iliyevym [Iliev, L.]

GENCHEVA, A.

"A Good Veterinarian,"

p. 39 (Kooperativno Zemedelie, No. 6, June 1958, Sofia, Bulgaria)

Monthly Index of East European Accession (EEAI) IC. Vol. 7, No. 11,  
Nov. 1958

L 20829-66 RO

ACC NR: AP5028426

SOURCE CODE: EU/0011/65/018/001/0059/0061

AUTHOR: Vassileva-Dryanovska, O.; Gencheva, E.

ORG: Plant Physiology Institute, Bulgarian Academy of Science

TITLE: Changes in the sex correlation depending on the age of parents in *Drosophila melanogaster*

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 1, 1965, 59-61

TOPIC TAGS: entomology, biologic reproduction, cell physiology

ABSTRACT: [English article] In the course of earlier studies the authors established changes in the correlation of sexes under the effect of variable high and low temperature (Dokl. BAN, 17, 1964, No 10). A number of investigations have been initiated to establish the effect of the age differences of sex cells on the formation of sex. R. Khortvig, Novyye idei v biologii, 7, 1912) showed with overmature eggs of frog that there is an increase in the percentage of the male specimens with the aging of the eggs and upon their fertilization with normal spermatozoa. S. B. Zhagulov (Usb. sovr. biol., 1, 1950, 4) established that during the artificial breeding of silvery-black foxes the female specimens under four years unfailingly give birth to a greater number of female specimens, after which the correlation

Card 1/2

L 20829-66

ACC NR: AP5028426

begins to change in favor of the male ones. The purpose of the present investigations was to show the effect of age differences between the parents, or between the cells, on the correlation of sexes in the progeny of Dr. melanogaster. The tabulated data reveal that the greatest deviations compared with the controls are presented by the variant of crossing old female and young male specimens. The reverse case did not supply statistically reliable results. The authors believe that the correct solution of the problem of sex related to the age of the parents, or of the sex cells respectively, can be reached only if it is linked with and interpreted from the point of view of the synthesis and aging of protein as well as of coding. Further thorough investigations seem to be necessary. The work was presented by D. Yordanov, Academician, 18 Aug 64. Orig. art. has: 1 table. [JPRS]

SUB CODE: LS / SUBM DATE: 18Aug64 / ORIG REF: 001 / SOV REF: 002

Card 2/2

vmb

GENCHEVA, Raina

Laboratory work as important factor in widening the knowledge  
of pupils studying biology. Biol i khim 4 no.6:22-26 '62.

1. V sr. politekhn. u-shte, Varna.

~~GENCHIKOV~~ ~~A. F.~~ NIKITIN, V.K., zamestitel' nachal'nika sluzhby puti;  
YAKOBSON, S.I.

The P.D.M.S. (track and roadway machinery station) carries out major repair work. Put' 1 put. khos. no.5:23-27 My '57.

(MIRA 10:6)

1. Glavnyy inzhener Putevoy dorozhnoy mashinnoy stantsii No.2 Belorusskoy dorogi (for Genchikov). 2. Nachal'nik Putevoy dorozhnoy mashinnoy stantsii No.2 Belorusskoy dorogi (for Yakobson).

(Railroads--Maintenance and repair)

GENCHIKOV, I.A.

Meningococcal meningitis in foreign countries; a review. Zhur.  
mikrobiol., epid. i immun. 42 no.1:85-91 Ja '65.

(MIRA 18:6)

1. Institut epidemiologii i mikrobiologii im. N.F. Gamalei AMN  
SSSR.

GERCHIN, Illia

Specialization and concentration of agricultural products, and some problems of purchase prices. Trud tseni 4 no.4:1-15 '62.

AVDYUKEVICH, Vladimir Konstantinovich; GENCHKE, A.A., red.

[Organization of radio communications in topographic,  
geodetic and geological field work] Organizatsiia radio-  
svyazi na topografo-geodezicheskikh i geologicheskikh  
rabotakh. Moskva, Nedra, 1965. 98 p. (MIRA 18:10)

GENCIC, B.

Spontaneous combustion of coal. p. 523.  
TEHNIKA, Beograd, Vol. 10, no. 4, 1955.

SO: Monthly List of East European Accessions, (MEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

GENCIG, Branislav, inž., docent (Beograd, Dalmatinska 99/III)

~~Production of uranium ore in the most important deposits in the world. Tehnika Jugoslovijske Rudarstvo metalurg 14 no.1:82-85~~  
Ja '63.

1. Rudarsko-geoloski fakultet Univerziteta u Beogradu.

MARKOVIC Milan, inz., honorarni docent (Sarajevo, Obala 27. jula broj 13);  
GENCIC, Dobrica, inz., asistent (Beograd, Mihajla Avramovica br. 18)

Analysis and an example of the tabulated computation of the thermodynamic process in an automobile gas-turbine motor.  
Publ Teh fak Sarajevo 5 no.1/2:47-55 '64.

1. Faculty of Mechanical Engineering of the University of Sarajevo, Sarajevo (for Markovic). 2. Faculty of Mechanical Engineering of the University of Belgrade, Belgrade (for Gencic).

STANIC, M.; SIMONOVIC, S.

Safety problems in road transportation; the development of road transportation in Yugoslavia. n. 81.

PUT I SAGETNO. (Društvo za putove Srbije)  
Belograd, Yugoslavia. Vol. 1, no. 7/10, July/Oct. 1958.

Monthly list of the East European Accessions (SEMI) 17, Vol. , no. 5, Aug. 1959.

Uncl.

GENCIC, Milivoje; GLIDZIC, Vukasin

Arterial embolism. Srpski arh. celok. lek. 83 no.12:1404-1420  
Dec 55.

1. I Hirurška klinika Medicinskog fakulteta u Beogradu. Upravnik:  
prof. dr. Milivoje Kostic.  
(EMBOLISM,  
arterial. (Ser))

GENCIC, Milivoje; PESIC, Radoslav

Resection of a large segment of the small intestine in strangulating ileus. Srpski arh. celok. lek. 87 no.9:803-810 S '59.

1. I. Hirurska klinika Medicinskog fakulteta u Beogradu, upravnik:  
prof. dr Bogdan Kosanovic.  
(INTESTINAL OBSTRUCTION surg.)

GENCIC, Milivoje, STEFANOVIC, Branislav

Traumatic amputation neuroma cured by interscapulo-thoracic  
amputation. Med. pregl. 17 no.8:443-445 '64

1. I hirurska klinika Medicinskog fakulteta u Beogradu  
(Upravnik: Prof. dr. Ljubomir Rasovic).

GENCIC, Milivoje; STEFANOVIC, Branislav

Ruptured ileum caused by a blow on the head. Med. pregl. 17  
no.10:589-591 '64.

1. I. hirurska klinika Medicinskog fakulteta u Beogradu  
(Upravnik: Prof. dr. Ljubomir Rasovic).